

WHAT IS CLAIMED IS:

- 5
- 10
- 15
- 20
1. A metallized molded resin article, consisting essentially from about
 - a) 70 to about 99.9 weight percent, based on the total weight of the resin composition, of a crystallizable polyester resin derived from aliphatic or cycloaliphatic diols, or mixtures thereof, containing 2 to 10 carbon atoms and at least one aromatic dicarboxylic acid wherein the aromatic group is a C₆ to C₂₀ aryl radical
 - b) a non-blooming polymeric release agent/lubricant composed of olefinic monomeric units
 - c) optionally, from 0 to about 20 percent by weight nucleants and/or fillers,
 - d) less than 5% by weight additional ingredients based on the total weight of the resin composition,a portion of the surface of said article being metallized.
 2. A metallized molded resin article according to claim 1 wherein said release agent/lubricant is non-blooming when the metallized molded resin article is subject to aging at temperature of 150 -185 degrees Centigrade.
 3. A metallized molded resin article according to claim 1 wherein said mold release agent/lubricant is selected from the group consisting of polyethylene, poly-ethylene vinyl acetate (EVA) or poly-ethylene ethyl acrylate (EEA) or mixtures thereof.

4. A metallized molded resin article according to claim 1 wherein the release agent/lubricant used is polyethylene
5. A metallized molded resin article according to claim 1 wherein the release agent/lubricant is present in a sufficiently high weight percent that sufficient release upon molding is obtained and present in a sufficiently low weight percent that good metal adhesion takes place upon metallization and/or that no mold deposit formation takes place upon long molding cycles.
6. A metallized molded resin article according to claim 1 wherein the release agent/lubricant is preferably present in an amount from about 0.3 to about 2 percent by weight based on the total weight of the resin component of the article.
7. A metallized molded resin article according to claim 1 wherein the metallization is carried out under a vacuum.
8. A metallized molded resin article according to claim 6 wherein the metallized article comprises aluminum.
9. A metallized molded resin article according to claim 7 wherein the metallized article comprises a reflective vehicle lamp part.
10. A metallized molded resin article according to claim 1 wherein the crystallizable polyester resin component is selected from the group consisting essentially of poly(ethylene terephthalate), poly(1,4-butylene terephthalate), poly(ethylene naphthanoate), poly(butylene naphthanoate), poly(cyclohexanedimethanol terephthalate) and (polypropylene terephthalate) and mixtures thereof.

11. A metallized molded resin article according claim 1 wherein the crystallizable polyester resin component is poly(1,4-butylene terephthalate).

5 12. A process for making a metallized molded resin article comprising the steps of a) forming a resin mixture consisting essentially from about 70 to about 99.9 weight percent, based on the total weight of the resin composition, of a crystallizable polyester resin derived from aliphatic or cycloaliphatic diols, or mixtures thereof, containing 2 to 10 carbon atoms and at least one aromatic dicarboxylic acid wherein the aromatic group is a C₆ to C₂₀ aryl radical, a polymeric release agent / lubricant comprising olefinic monomeric units, and the remaining amount consisting essentially of one or more nucleants and less than 5% by weight additional ingredients based on the total weight of the resin composition; b) molding said resin mixture in a mold, and c) metallizing a portion of the surface of said article.